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(71) Applicant (for all designated States except US): SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]: Carel Van Bylandtlaan 30, NL-2596 HR The

Hague (NL).

(75) Inventors/Applicants (for US only): DRIES, Hubertus, Wilhelmus, Albertus (N.I.V.); Badhuisweg 3, N.I.—103 CM Amsterdam (N.I.), GALLOWAY, Charles, Rotchford (GB/NL); Badhuisweg 3, NI.—1031 CM Amsterdam (NI.), Badhuisweg 3, NI.—1031 CM Amsterdam (NI.), SI., J. (1) Ed. Maria (NI./NL); Badhuisweg 3, NI.—1031 CM Amsterdam (NI.)

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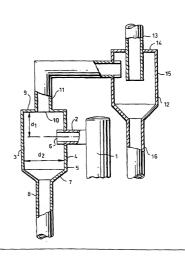
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(54) Title: GAS-SOLID SEPARATION PROCESS

## (57) Abstract

Apparatus for separating solid particles from a suspension of solid particles and gas, wherein the apparatus comprises (i) a vertical primary cyclone wessel having a tubular housing comprising of a tubular wall section provided with a tangentially arranged inlet for receiving the suspension, and a cover which closes the upper end of the tubular wall section; wherein the cover is provided with an axial circular opening which opening serves as a gas intet opening of a gas outlet conduit; (ii) one or more secondary gas—solids cyclone separators which are fluidly connected with the gas outlet conduit of the primary cyclone.



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